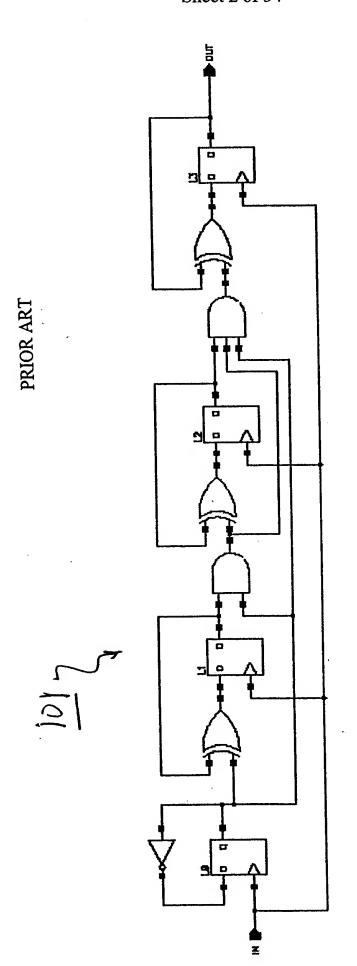
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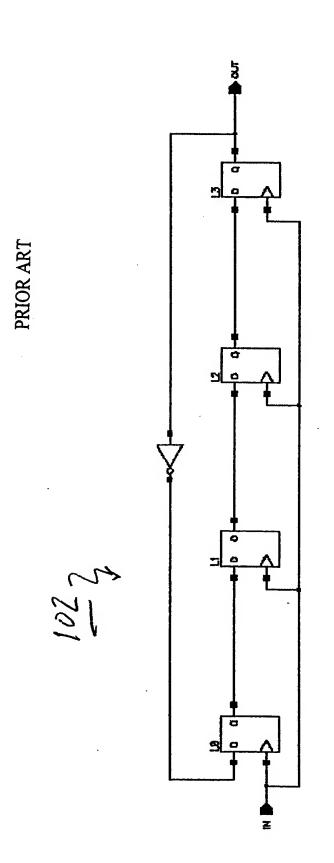
						100				
	L3	L2	L1	LO	State	L3	L2	L1	L0	State
	1	0	0	0	9	0	0	0	0	1
	1	0	0	1	10	0	0	0	1	2
	1	0	1	0	11	0	0	1	0	3
PRIOR ART	1	0	1	1	12	0	0	1	1	4
	1	1	0	0	13	0	1	0	0	5
	1	1	0	1	14	0	1	0	1	6
	1	1	1	0	15	0	1	1	0	7
	1	1	1	1	16	0	1	1	1	8

FIG. 1

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ממ	TOD	ART
rĸ	IL JK	AKI

	103	3	
L0	L1	L2	L3
	0	1	0
0 1 0 1	0	0	1
0	1	0	0
1	0	1	0
1	1	0	1
0	1	1	0

0

1

L2

0

0

1

0

L3

0

0

State

1b

2b

3b

4b

5b

6b

7b

8b

L1

0

0

1

1

1

1

0

0

L0

0

1

1

1

0

0

0

State

1a

2a

3a

4a

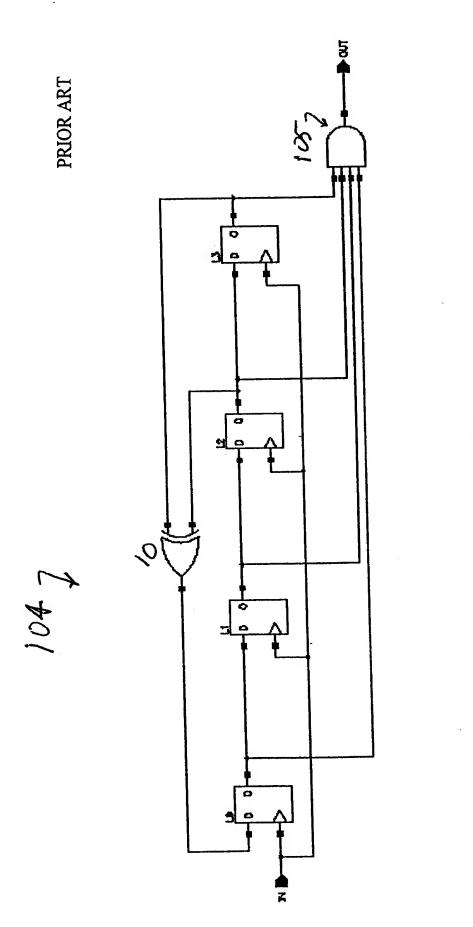
5a

6a

7a

8a

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PRIOR ART

State	LO	L1	L2	L3	State	LO	L1	L2	L3
1	0	0	0	1	9	0	1	0	1
2	1	0	0	0	10	1	0	1	0
3	0	1	0	0	11	1	1	0	1
4	0	0	1	0	12	1	1	1	0
5	1	0	0	1	13	1	1	1	1
6	1	1	0	0	14	0	1	1	1
7	0	1	1	0	15	0	0	1	1
Ω	1	Ω	1	1					

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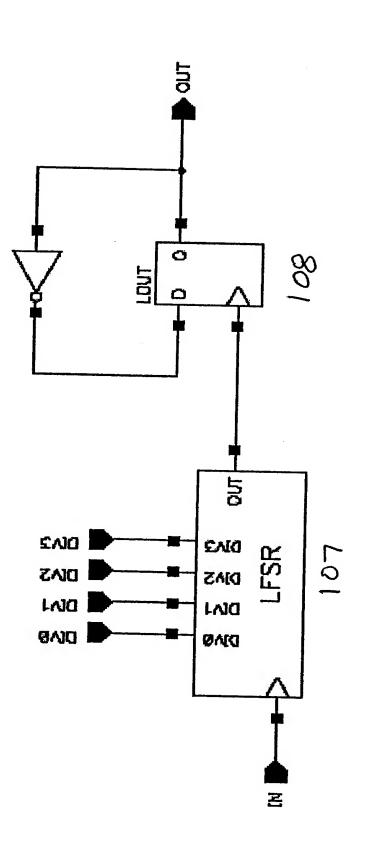
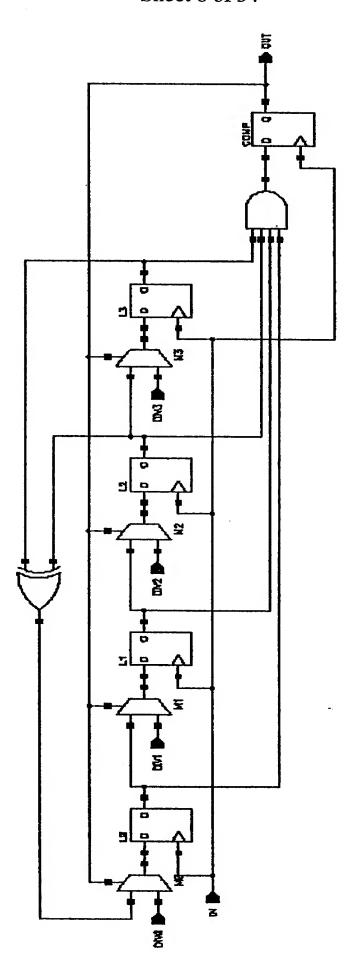


FIG. ,

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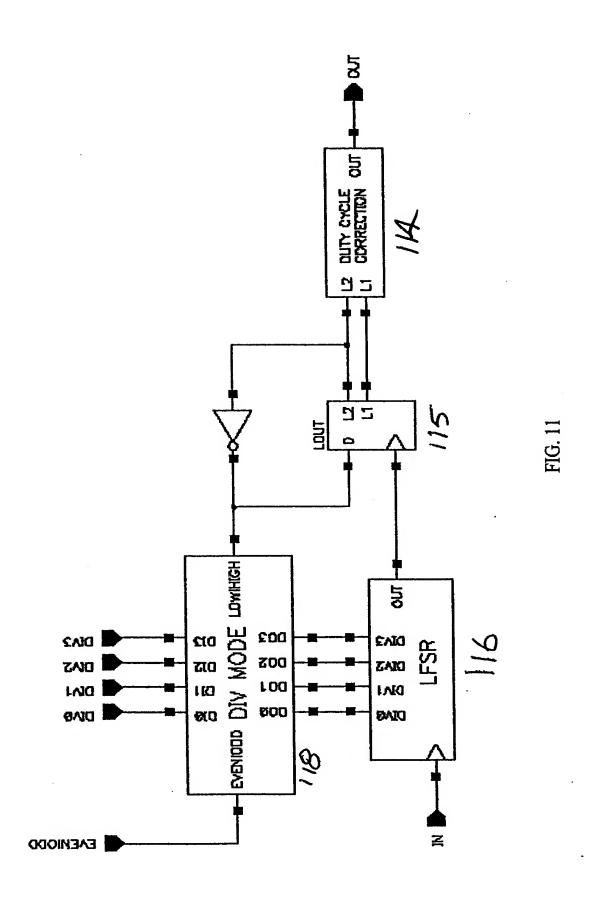
LFSR Divide Value	DIV0	DIV1	DIV2	DIV3	LFSR Divide Value	DIVO	DIV1	DIV2	DIV3
1	0	0	0	0	9	1	1	0	0
2	1	1	1	1	10	1	0	0	1
3	1	1	1	0	11	0	0	1	0
4	1	1	0	1	12	0	1	0	0
5	1	0	1	0	13	1	0	0	0
6	0	1	0	1	14	0	0	0	1
7	1	0	1	1	15	0	0	1	1
8	0	1	1	0	16	0	1	1	1

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Final Divide Value	DIV0	DIV1	DIV2	DIV3	Final Divide Value	DIV0	DIV1	DIV2	DIV3
2	Λ	0	0	0	18	1	1	0	0
_	4	1	1	1	20	1	0	0	1
4	1	1	1	Ò	22	Ó	0	1	0
6	1	1	1	U	-	_	4		n
8	1	1	0	1	24	0	1	Û	0
10	1	0	1	0	26	1	0	0	U
	'n	1	Ò	1	28	0	0	0	1
12	Ų	!	4	4	30	Ô	Λ	1	1
14	1	0	7	1	- '	_	0		4
16	0	1	1	0	32	0	1	1	1

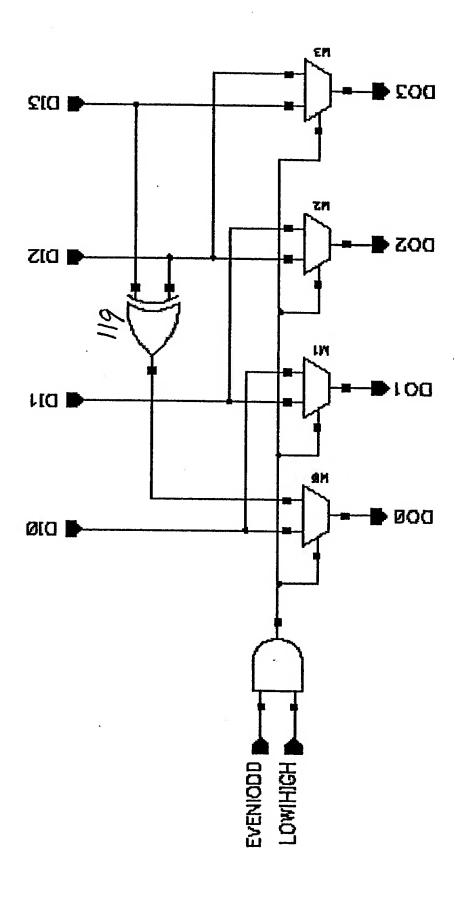
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LFSR Divide Value	Divid e	DIV0 'a'	LOW H DIV1 'a'	IIGH=1 DIV2 'a'	DIV3 'a'	'b' DIV0 LOW[H	IGH=0 DIV1 'b'	DIV2 'b'	DIV3 'b'
ï	Value			•	۸	0	. 0	0	0
1	2	0	0	U	U	0	0	0	0
2,1	3	1	1	1	1	U	4	1	1
2	4	1	1	1	1	1	 	1	1
3,2	5	1	1	1	0	1	1	l A	0
3	6	1	1	1	0	1	1	1	0
_	7	1	1	0	1	1	1	1	U
4,3	,	4	1	ñ	1	1	1	0	1
4	8	1 4	0	1	Ò	1	1	0	1
5,4	9	7	U	1	n	1	0	1	0
5	10	1	0	1	U	J	U	•	

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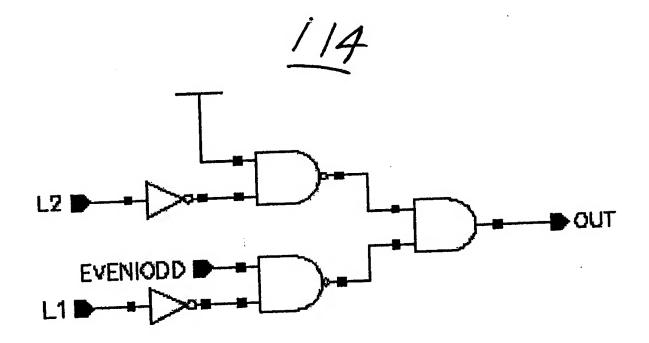
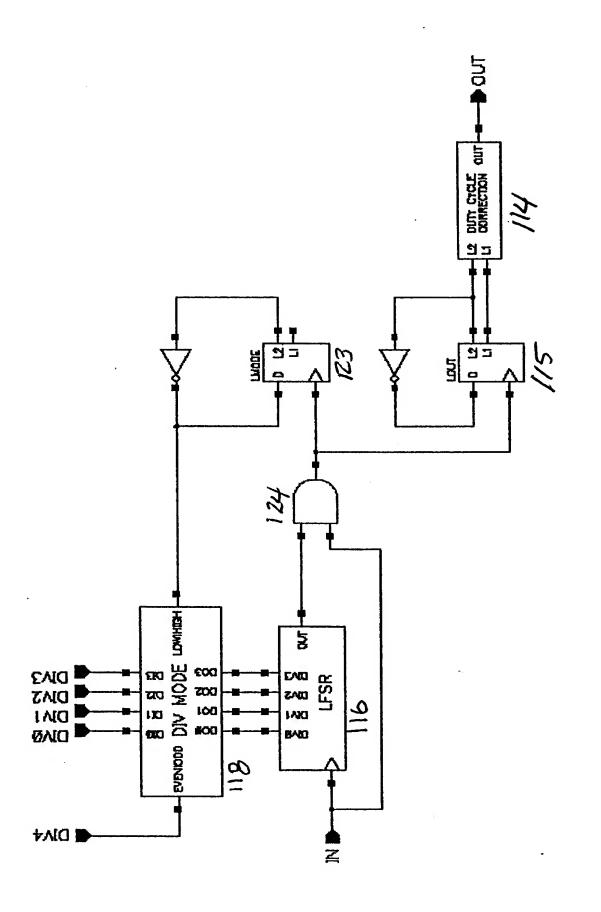


FIG. 14

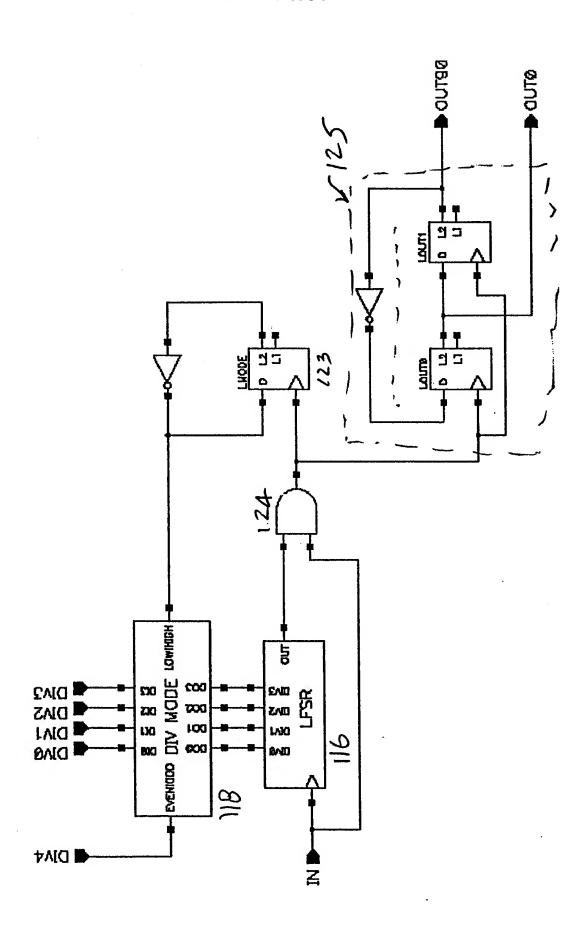
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Final Divide Value	DIV0	DIV1	DIV2	DIV3	DIV4	Final Divide Value	DIV0	DIV1	DIV2	DIV3	DIV4
1	0	0	0	0	1	17	1	1	0	0	1
2	0	0	0	0	0	18	1	1	0	0	0
3	1	1	1	1	1	19	1	0	0	1	1
4	1	1	1	1	0	20	1	0	0	1	0
5	1	1	1	0	1	21	0	0	1	0	1
6	1	1	1	0	0	22	0	0	1	0	0
7	1	1	0	1	1	23	0	1	0	0	1
8	1	1	0	1	0	24	0	1	0	0	0
9	1	0	1	0	1	25	1	0	0	0	1
10	1	0	1	0	0	26	1	0	0	0	0
11	0	1	0	1	1	27	0	0	0	1	1
12	0	1	0	1	0	28	0	0	0	1	0
13	1	0	1	1	1	29	0	0	1	1	1
14	1	0	1	1	0	30	0	0	1	1	0
15	0	1	1	0	1	31	0	1	1	1	1
16	0	1	1	0	0	32	0	1	1	1	0

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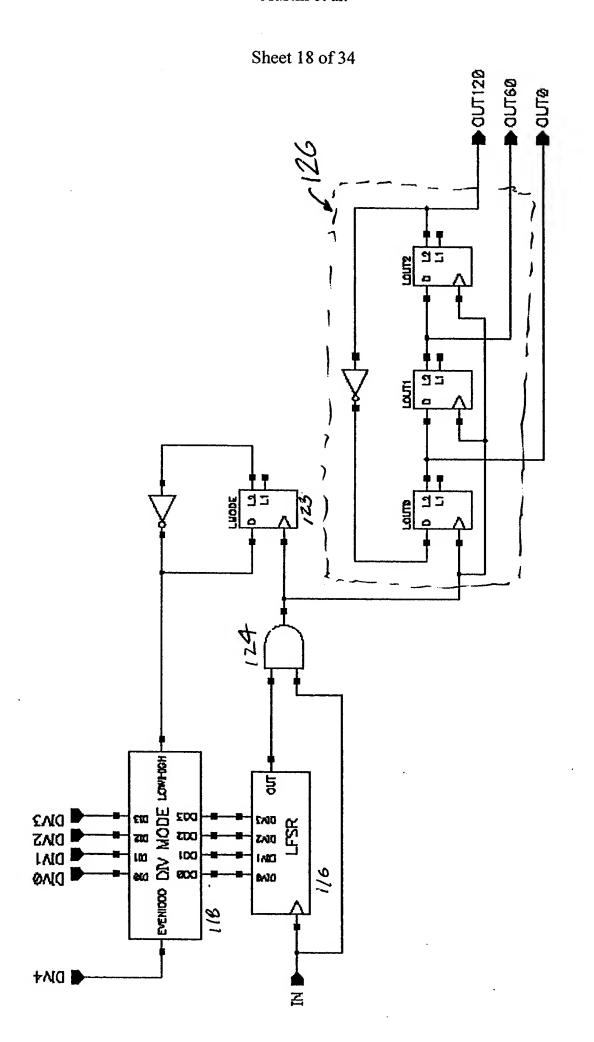
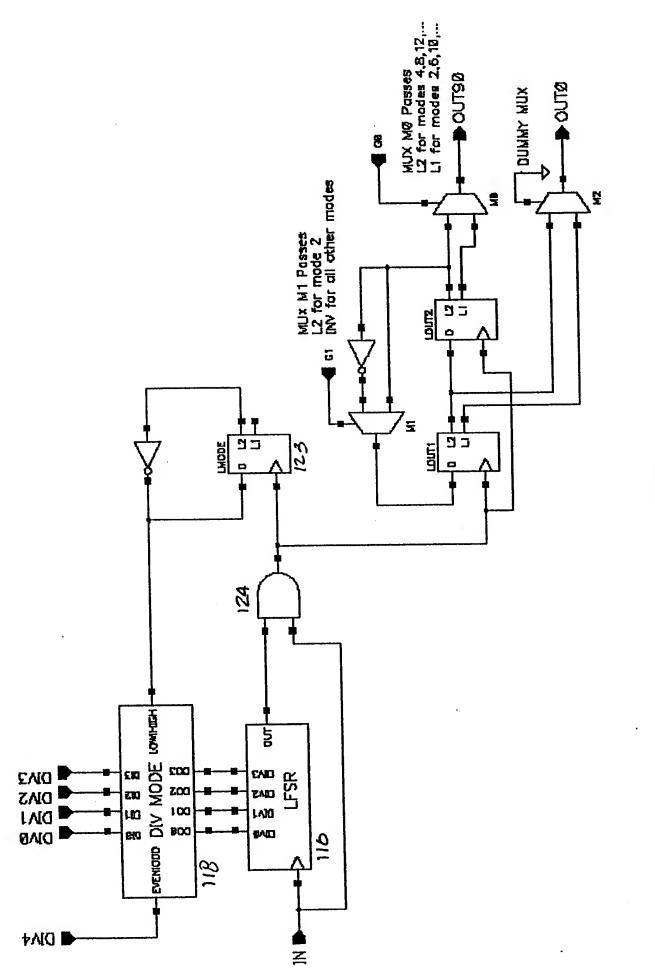


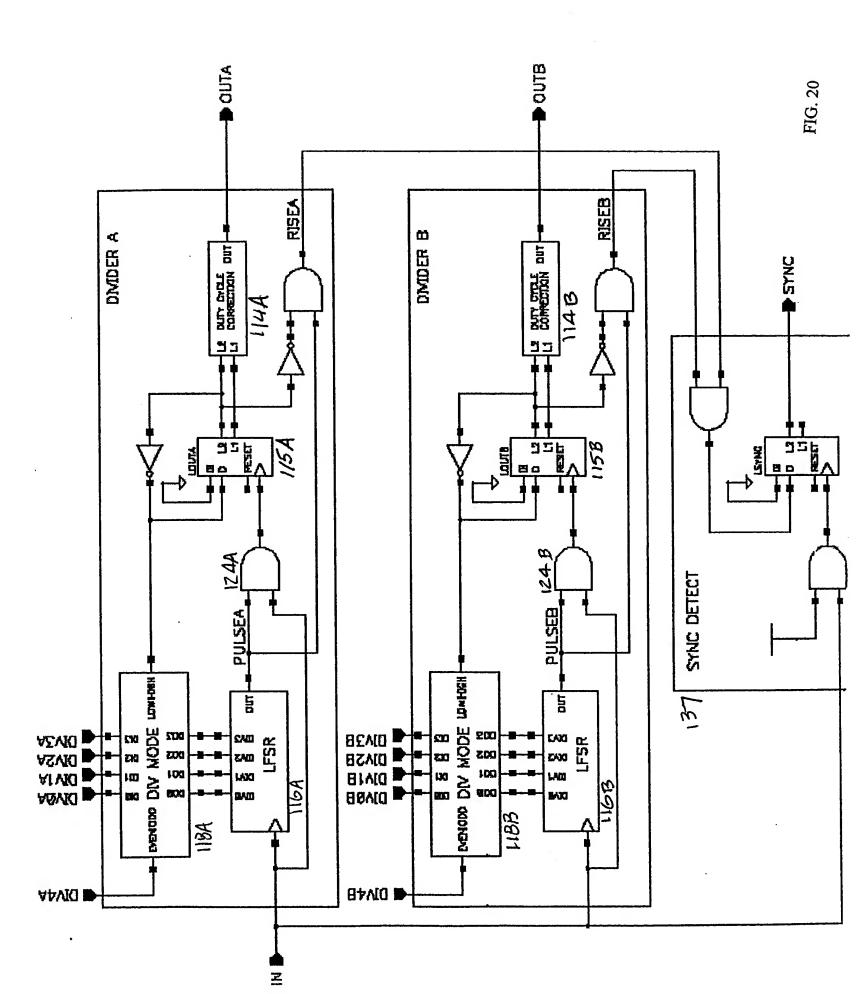
FIG. 18

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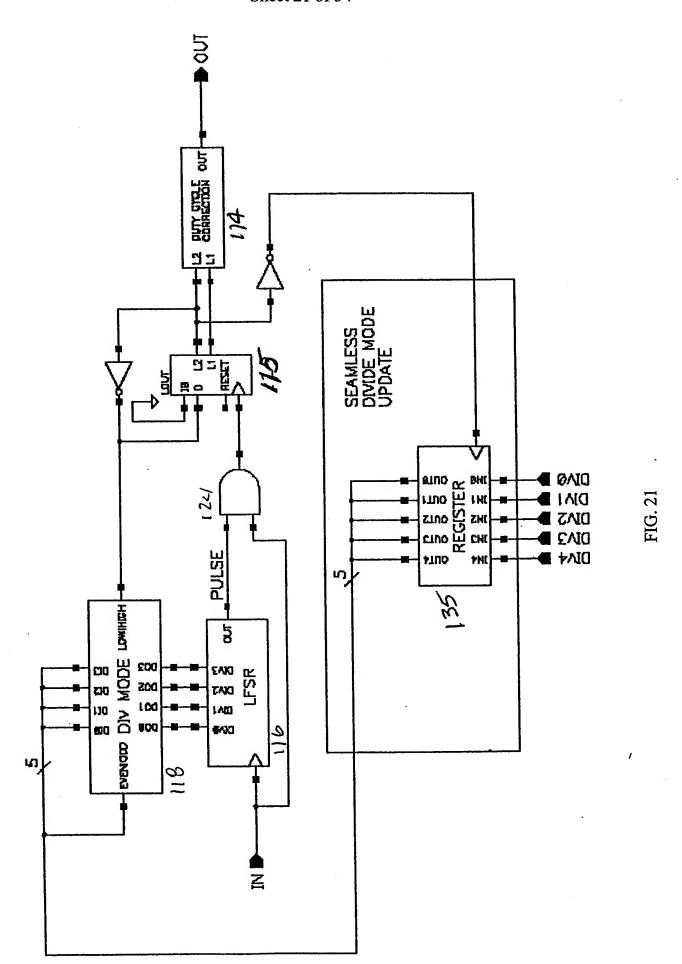


⁷IG. 19

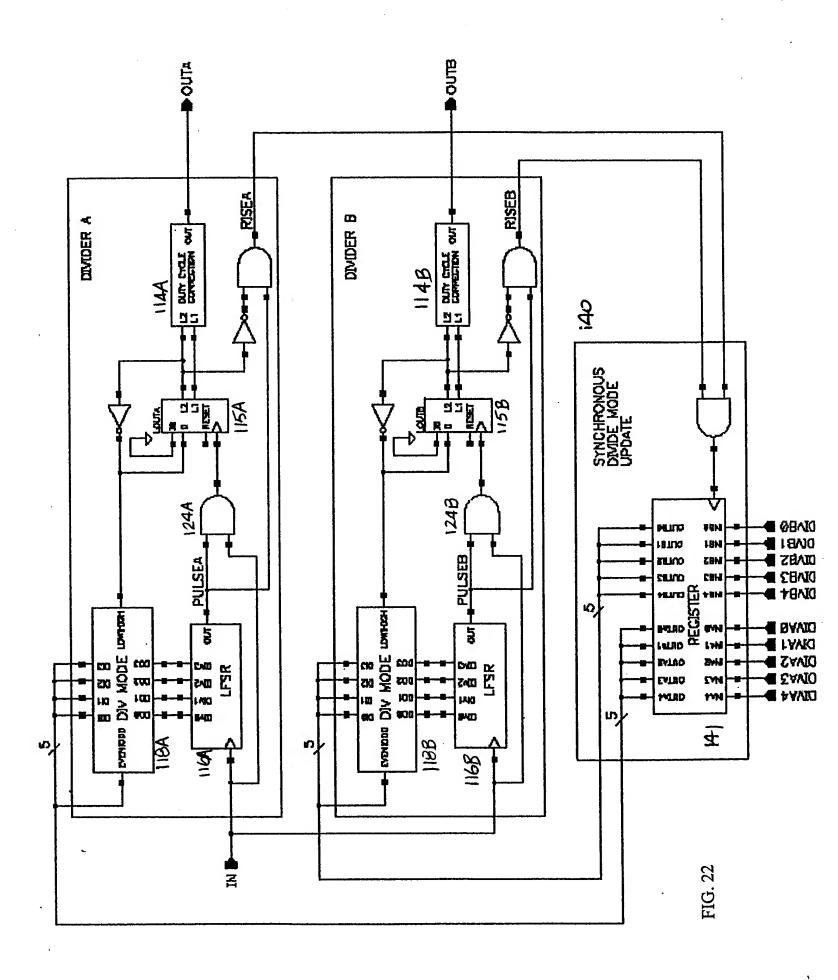
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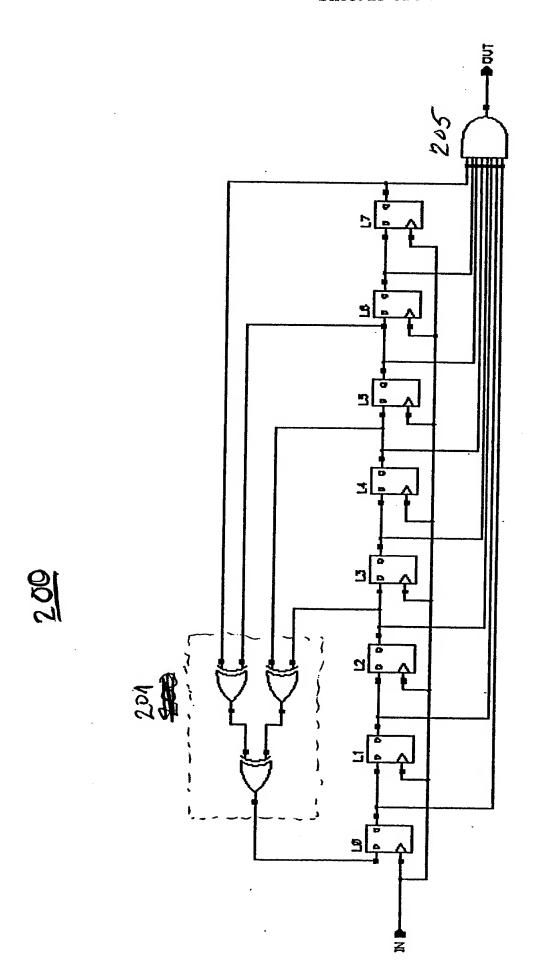
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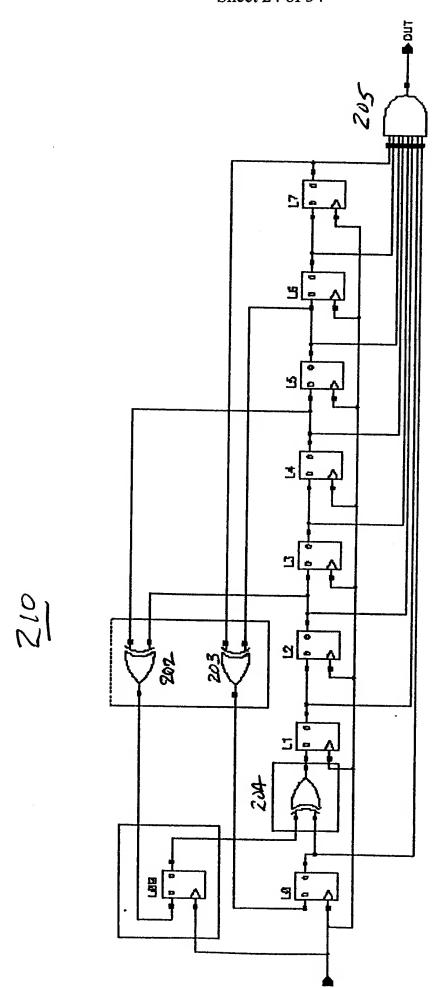
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LO	1.1	L2	L3	L4	L5	L6	L7	State	Out
0	0	0	0-	1	0	1	0	63	0
0	0	0	0	0	1	0	1	64	0
1	0	Ō	0	0	0	1	0	65	0
•	•				•			66> 254	0
1	1	1	1	1	1	1	1	255 (2 ^{N-1})	1
Ö	i	i	1	1	1	1	1	1	0

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	*									
LO	L1	L2	L3	L4	L5	L6	L7	L0B	State	Out
		0							63	0
		0							64	0
									65	0
1	U	0	U	U	U	Į.	U	U	00	•

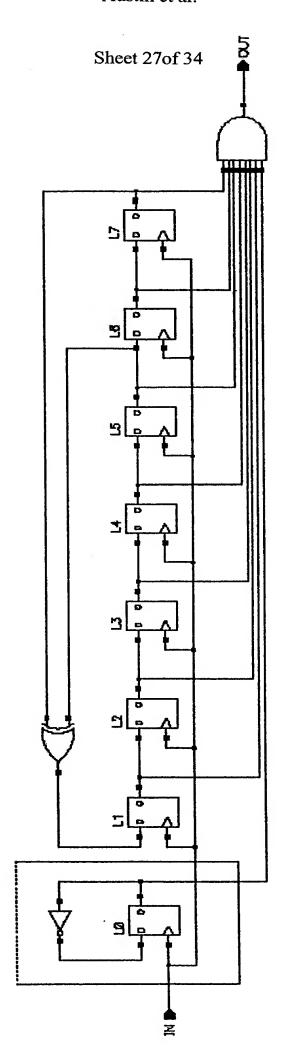


FIG. 27

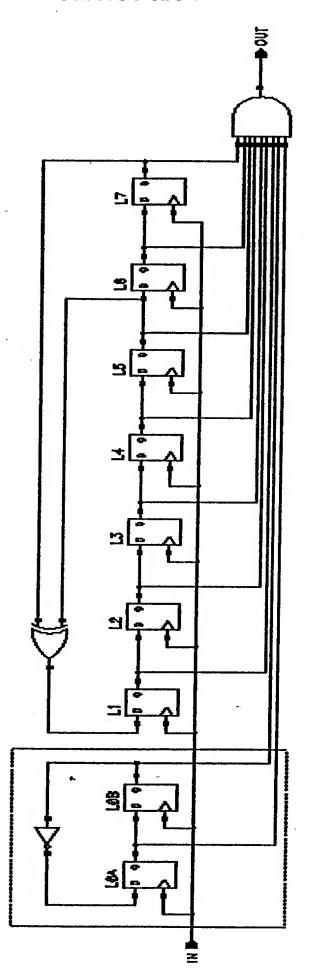
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			215	
L0	L1	L2	State	Out
0	0	1	1	0
1	1	0	2	0
0	1	1	3	0
1	0	1	4	0
0	1	0	5	0
1	1	1	6 (2 ^N-2)	1
0	0	1	1	0
1	1	0	2	0
0	i	1	3	0

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LO	L1	L2	State	Out
0	0	0	1	0
1	0	1	2	0
0	1	0	3	0
1	1	1	4 [2(N-1)]	1
0	0	0	1	0
1	. 0	1	2	0
Ò	1	0	3	0

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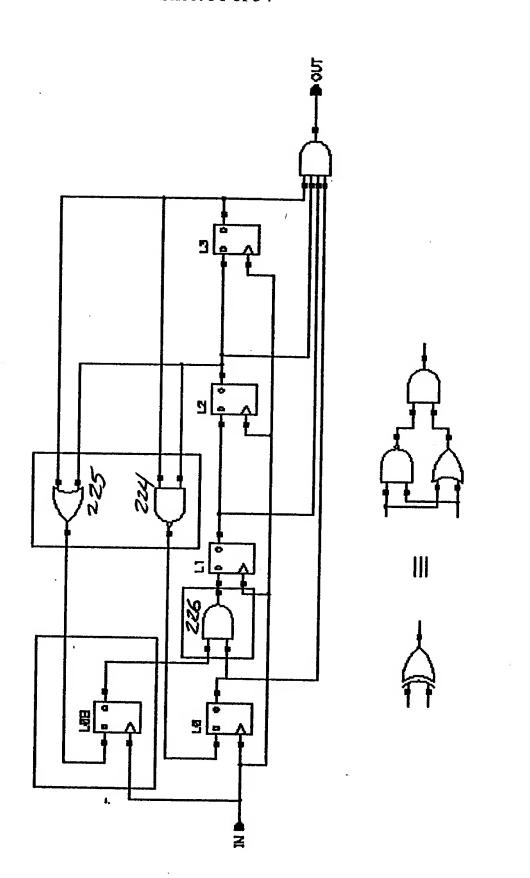
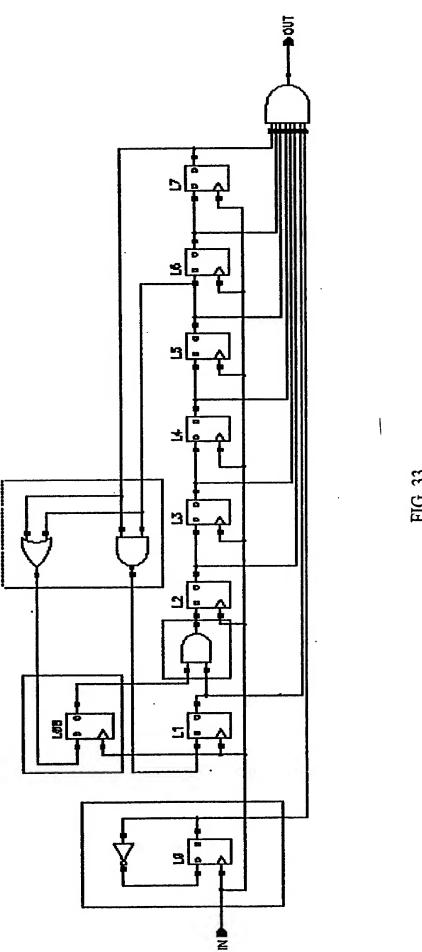


FIG. 3]

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					230	
LO	L1	L2	L3	L0B	State	Out
0	1	1	1	0	1	0
0	0	1	1	0	2	0
0	Ō	0	1	0	3	0
1	0	0	0	0	4	0
1	1	0	0	1	5	0
1	0	1	0	1	6	0
1	0	0	1	0	7	0
1	1	0	0	0	8	0
1	1	1	0	1	9	0
1	0	1	1	0	10	0
0	1	0	1	0	11	0
1	0	1	0	0	12	0
1	1	0	1	0	13	0
1	1	1	0	0	14	0
1	1	1	1	0	15(2^N-1)	1
Ò	1	1	1	0	1	0
Ö	0	1	1	0	2	0

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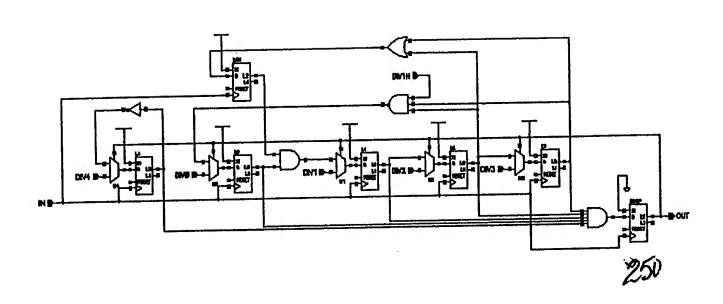


FIG. 34